Receipt date: 09/16/2009

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Atty. Docket No. 036179/US/2-475387-30

Serial No. 10/577,562

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant(s)
Seok-Hyun Yun et al.

Filing Date April 27, 2006 Confirmation No.

3634

## U.S. PATENT DOCUMENTS Filing Date Date Class Subclass Document No. \*Exam. Name if Appropriate Init. Dimarzio et al 2 9 February 1, 2000 6 0 0 6 3 $\Omega\Omega\Omega\Omega\Omega$ Tearney et al $\Omega\Omega\Omega\Omega\Omega$ January 22 2002 May 28, 2002 Bacus, James 3 9 9 W. et al. ΩΩΩΩΩΩ 200 5 0 8 2 0 De Boer, January 27, 2005 Johannes F. Et al $\Omega\Omega\Omega\Omega\Omega\Omega$ Martin et al ΩΩΩΩΩΩΩMay 20, 2003 Martin et al. 9 9 July 20, 1999 1212121212121212 Hongyu et al. 9 September 11, 2007 7 4 6 Podoleanii et al August 31 1993 Kimura et al. $\Omega\Omega\Omega\Omega\Omega\Omega\Omega\Omega\Omega\Omega$ Ω Erskine et al ΩΩΩΩΩΩΩΩΩ June 8, 1999 Ω Gweon et al. ΩΩΩΩΩΩΩΩΩ March 29, 2007 Tashiro et al May 9, 1989 $\Omega\Omega\Omega\Omega\Omega\Omega\Omega\Omega\Omega$ $\Omega\Omega$ Chin et al. March 12, 1991 Mollenauer et al. March 24, 1998 $\Omega\Omega$

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<sup>\*</sup> Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MAL/

10577562 - GAU: 2877 Receipt date: 09/16/2009 Page 2 of 8 Form PTO-1449 U.S. Department of Commerce Atty. Docket No. Serial No. (REV. 2-82) Patent and Trademark Office 036179/US/2-475387-30 10/577,562 INFORMATION DISCLOSURE STATEMENT Applicant(s) BY APPLICANT Seok-Hyun Yun et al. (Use several sheets if necessary) Filing Date Confirmation No. April 27, 2006 3634 Pawluczyk et al June 26, 2003 200 Chaiken et al. 📆 200 July 11, 2002 Kleen Martin et July 28, 2005 2005 al. <del>YYY</del> Toida 2 0 2 5 4 May 2, 2002 200 Masahiro<del>YYY</del> January 1, 2004 Mandrusov 200 0 0 5 0 4 6 Evgenia et al. <del>YYY</del> Fischman, Alan et al. <del>YYY</del> 200 May 1, 2003 Kittrell Carter April 19, 1994 et al. ¥¥¥ Choma et al. 7 3 6 6 February 26, 2008 6 Izatt et al. 7 0 9 8 3 8 March 28, 2006 Toida et al. 2 8 April 16, 2002 6 3 7 4 1 Eguchi et al. 7 0 November 5, 2002 Miyagawa et al September 10, 1996 ¥¥¥¥Ì Fang-Yen et al. 200 5 5 7 7 5 March 17, 2005 Gross Daniel et April 29, 1986 4 5 8 5 3 4

Examiner Date Considered

July 28, 1998

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Baker et al.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MAL/

10577562 - GAU: 2877 Receipt date: 09/16/2009 Page 3 of 8 Form PTO-1449 U.S. Department of Commerce Atty. Docket No. Serial No. (REV. 2-82) Patent and Trademark Office 036179/US/2-475387-30 10/577,562 INFORMATION DISCLOSURE STATEMENT Applicant(s) BY APPLICANT Seok-Hyun Yun et al. (Use several sheets if necessary) Filing Date Confirmation No. April 27, 2006 Gregory Kenton et al. <del>YYYYY</del> October 6, 1998 Feldchtein et al. September 18, 2003 Eom Tae Bong February 13, 2003 Fateley William <u>2</u>δο May 16, 2002 G. et al Agan, Martin J. March 2005 <del>YYYYYY</del> Caro, Richard September 1994 G. <del>YÝYYYYY</del> Dollinger et al. October 1993 **YYYYY**YY Takeuchi et al. February 1995 **YYYYYYY** Suganuma, June 2001 Hiroshi <u>YYYYYY</u>YY Heintzmann et al. <del>YYYYYYYY</del> June 2005 Sirohey et al. YYYYYYYYY June 2007 April 2002 Takaoka, Hideyuki € November 2002 Furusawa et al. €€ June 2004 Rogers, Philip L. €€ October 1996 Neuberger, Wolfgang FOREIGN PATENT DOCUMENT Date Considered Examiner

<sup>\*</sup> Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MAL/

Receipt date: 09/16/2009

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Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office

Atty. Docket No. 036179/US/2-475387-30

Serial No. 10/577,562

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Applicant(s)
Seok-Hyun Yun et al.

Filing Date April 27, 2006 Confirmation No.

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		Document No.							Date	Country	Class	SubClass	Transl	
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\*Reference cited in Office Action dated October 1, 2008 for U.S. Patent Application No. 11/955,986

\*\*Efference cited in Office Action dated October 1, 2008 for U.S. Patent Application No. 11/955,986

\*\*Efference cited in Office Action dated October 1, 2008 for U.S. Patent Application No. 11/955,986

\*\*Efference cited in Office Action dated October 1, 2008 for U.S. Patent Application No. 11/955,986

\*\*Efference cited in Office Action dated October 1, 2008 for U.S. Patent Application No. 11/955,986

Examiner	Date Considered	

<sup>\*</sup> Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MAL/

<u> </u>	10577562 - GAU: 2877 Page 5 of 8		
Atty. Docket No. 036179/US/2-475387-30	Serial No. 10/577,562		
NT Applicant(s) Seok-Hyun Yun et al.			
Filing Date April 27, 2006	Confirmation No. 3634		
for U.S. Patent application no. 12/27799 for U.S. Patent application no. 10/1399 for U.S. Patent application no. 11/6299 for U.S. Patent application no. 11/5399 for U.S. Patent application no. 11/5399	7,178 36,813 24,455		
	Applicant(s) Seok-Hyun Yun et al.  Filing Date April 27, 2006  y 14, 2009 for Japanese Application No. 12/27/20 for U.S. Patent application no. 10/13/20 for U.S. Patent application no. 11/62/20 for U.S. Patent application no. 11/53/20 for U.S		

	Copy of International Search Report and Written Opinion for PCT/US2007/081982 dated October 19, 2007
	Database Compendex Engineering Information, Inc., New York, NY, US; March 5, 2007, Yelin, Dvir et al: "Spectral-Domain Spectrally-Encoded Endoscopy" ΩΩ
000000000000000000000000000000000000000	Database Biosis Biosciences Information Service, Philadelphia, PA, US; October 2006, Yelin D. et al: "Three Dimensional Miniature Endoscopy" QQ
	Copy of International Search Report and Written Opinion mailed March 14, 2005 for PCT/US2004/018045
000000000000000000000000000000000000000	Copy of Notification of the international Proliminary Report on Patentability mailed October 21, 2005
	Shim M.G. et al., "Study of Fiber-Optic Probes For In vivo Medical Raman Spectroscopy" Applied  Spectroscopy. Vol. 53, No. 6, June 1999 ΩΩΩ
	Bingid U. et al., "Fibre-Optic Laser-Assisted Infrared Tumour Diagnostics (FLAIR); Infrared Tomour
	Diagnostics" Journal of Physics D. Applied Physics, Vol. 38, No. 15, August 7, 2005 12222
	Jun Zhang et al. "Full Range Polarization-Sensitive Fourier Domain Optical Coherence Tomography" Optics         Express, Vol. 12, No. 24. November 29, 2004 ΩΩΩΩ
000000000000000000000000000000000000000	Yonghua et al., "Real-Time Phase-Resolved Functional Optical Hilbert Transformation" Optics Letters, Vol. 27, No. 2, January 15, 2002 ΩΩΩΩ

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

Date Considered

Examiner

eceipt date: 09/16/2009		105//562 - GAU: 28/ Page 6 of 8		
Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office	Atty. Docket No. 036179/US/2-475387-30	Serial No. 10/577,562		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant(s) Seok-Hyun Yun et al.			
(Use several sheets if necessary)	Filing Date April 27, 2006	Confirmation No. 3634		
Siavash et al., "Self-Referenced Doppler of December 1, 2002 \$2525252	Optical Coherence Tomography" Optics Letters, Vol. 27, No. 23,			
Copy of International Search Report and	Written Opinion dated December 20.	2004 for PCT/US04/10152		
Copy of Notification Concerning Transm. dated October 13, 2005 for PCT/US04/10		nary Report on Patentability		
Copy of International Search Report and	Written Opinion dated March 23, 20	06 for PCT/US2005/042408		
Copy of International Preliminary Report	on Patentability dated June 7, 2007	for PCT/US2005/042408		
Copy of International Search Report and Application No. PCT/US2000/038277 \$28	Written Opinion dated February 28, 3	2007 for International		
Copy of International Search Report and Application No. PC1/US2008/081834828		009 for International		
Copy of International Search Report and Application No. PCT/IJS2008/071786-06	Written Opinion dated February 2, 2	009 for International		
Bilenca A et al: "The Role of Amplitude : Nanometer Depth Profiling", Optics IEEI	and phase in Fluorescence Coherenc E, May 5, 2007 000000000	e Imaging: From Wide Filed to		
Inoue, Yusuke et al: "Varible Phase-Cont Applied Physics Letters, September 18, 2	trast Fluorescence Spectrometry for I	Fluorescently Strained Cells",		
Bernet, S et al: "Quantitative Imaging of Express, May 9, 2006 QQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQ	Complex Samples by Spiral Phase C	ontrast Microscopy", Optics		
Copy of International Search Report and Application No. PCT/US2008/074863	Written Opinion dated January 15, 2	009 for International		
xaminer Dat	te Considered			

<sup>\*</sup> Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MAL/

		eceipt date: 09/16/2009					
Serial No. 10/577,562	Atty. 0361	Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office					
	NT Appl Seok	INFORMATION DISCLOSURE STATEMENT BY APPLICANT					
Confirmation No. 3634	Filin April	(Use several sheets if necessary)					
.11/211.483	ary 17, 2009 fo	Cony of Office Action dated Febru	000000000000000000000000000000000000000				
se patent application no. 2000-	ection mailed I	Copy of Notice of Reasons for Rejection 533782					
2009 for PCT/US2008/076447	t and Written	Copy of International Search Repo					
<u></u>	lated Decembe	Copy of European Official Action	200000000000000000000000000000000000000				
n High spatial Resolution for IEEE Vol 7., No. 1	ical Frequency stems", Journa	Barfuss et al (1989) "Modified Opt Components of integrated optic Sy					
omain Imaging with Frequency	Pepth-Degenera No. 20	Yun et al., (2004) "Removing the Depth- Shifting", Optics Express, Vol. 12, No. 2					
for PCT/US08/075456	t and Written	Copy of International Search Repo					
on no. 01991471.2	sued May 5, 2	Copy of European Search Report is					
otics Letters, OSA, Optical pages 2760-2762	uency-Encode C, US, vol. 30	Motz, J.T. et al: "Spectral-and Frec Society of America, Washington, I					
anese Patent application no.	s for Rejection	Copy of Japanese Notice of Reason 2006-503161					
2/277,178	st 18, 2009 for	Copy of Office Action dated Augu					
10/136,813	st 13, 2009 for	Copy of Office Action dated Augu					

<sup>\*</sup> Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL HEFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MAL/

Receipt date: 09/16/2009		10577562 - GAU: 287 Page 8 of 8		
Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office	Atty. Docket No. 036179/US/2-475387-30	Serial No. 10/577,562		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant(s) Seok-Hyun Yun et al.			
(Use several sheets if necessary)	Filing Date April 27, 2006	Confirmation No. 3634		
Copy of Office Action dated August 6, 20  Copy of Office Action dated May 15, 200  Copy of Office Action dated April 17, 200	9 for U.S. patent application no. 11/	537,123		

Copy of Office Action dated April 15, 2009 for U.S. patent application 12/205,775

4840-3838-4388\1

Examiner /Michael A. Lyons/ Date Considered 10/08/2009

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MAL/